

# FLAT PANEL DISPLAY UNIT AND METHOD OF REPAIRING DEFECTS IN ITS LINE PATTERN

## ABSTRACT OF THE DISCLOSURE

Shorting defects between the scan lines and signal lines are repaired during the manufacture of a TFT or other flat panel display unit without causing liquid crystal orientation defects and production yield is thereby improved. In a TFT panel in which the scan line 2 bifurcates where the scan line 2 and signal line 3 intersect, ~~with the~~ the lines ~~having a protective insulation film 8 therebetween~~, one leg of the scan line 2 bifurcation ~~of the scan line 2~~ is cut by a laser 9 where a short 7 ~~is~~ has been found between lines at the intersection ~~is cut by a laser 9~~, thereby electrically separating the short. An insulation film material 13 ~~is then supplied~~ dispensed from a glass pipette 12 is then applied locally to the cut part and surrounding area and cured to form a new insulation film.